

Weekly Report

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June 2, 2019

1. 毕业论文

还在写绪论；有些把握不好需写什么内容、写多少，去看了之前博士生们的论文；没写过中文论文好多语句有点卡壳……进度较慢

2. LADV及其他

和瑞贤见面讨论了一下，出了LADV的后续外还有一些新的工作在做：将手绘识别运用于其他场景，如简单的数据绑定（绑定天气、行走步数等在照片上用于发朋友圈）；目前还是个初步的想法

3. 本周总结

工作日平均每天工作约7小时，共约35小时。

Papaer Reading

3.1 组会

[1] E. M. Peck, S. E. Ayuso, and O. El-Etr, “Data is Personal: Attitudes and Perceptions of Data Visualization in Rural Pennsylvania,” 2019.

组会报告的；CHI'19的Best Papers之一；内容很有意思，主要讲研究中的“非代表性人群”对可视化的感知和注意方向；由于做可视化研究的人本身其实在整个社会上属于很特殊的一类（高学历、可视化专业知识），所以实验室条件下做出来的东西是否符合普遍大众的认知其实是非常值得怀疑的

下面的是为写毕业论文看的，主要是一些综述。

3.2 InfoVis

[1] S. Liu, W. Cui, Y. Wu, and M. Liu, “A survey on information visualization: recent advances and challenges,” Vis. Comput., vol. 30, no. 12, pp. 1373–1393, 2014.

[2] J. Heer, F. Van Ham, S. Carpendale, C. Weaver, and P. Isenberg, “Creation and collaboration: Engaging new audiences for information visualization,” Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics), vol. 4950 LNCS, pp. 92–133, 2008.

3.3 Web-Based Visualization

[1] A. Sarikaya and M. Gleicher, “Using WebGL as an Interactive Visualization Medium : Our Experience Developing SplatterJs,” 1st Work. Data Syst. Interact. Anal., 2015.

[2] A. Satyanarayan, K. Wongsuphasawat, and J. Heer, “Declarative interaction design for data visualization,” Proc. 27th Annu. ACM Symp. User interface Softw. Technol. - UIST ’ 14, pp. 669–678, 2014.

[3] A. Evans, M. Romeo, A. Bahrehmand, J. Ajenjo, and J. Blat, “3D graphics on the web: A survey,” Comput. Graph., vol. 41, no. 1, pp. 43–61, 2014.

[4] W. Wide, “Web-Based Information Visualization,” no. August, pp. 52–59, 1997.

[5] F. Mwalongo, M. Krone, G. Reina, and T. Ertl, “State-of-the-Art Report in Web-based Visualization,” Comput. Graph. Forum, vol. 35, no. 3, pp. 553–575, 2016.

[6] N. Bikakis and T. Sellis, “Exploration and visualization in the web of big linked data: A survey of the state of the art,” CEUR Workshop Proc., vol. 1558, 2016.

[7] B. Huang, “Web-based dynamic and interactive environmental visualization,” Comput. Environ. Urban Syst., vol. 27, no. 6, pp. 623–636, 2003.

[8] M. Lu et al., “Interaction+: Interaction Enhancement for Web-based Visualizations,” pp. 61–70, 2017.

计划-短期

TASK	DESCRIPTION	SCHEDULE
毕业论文	绪论	
阿里 - proposal		

计划-中期

TASK	DESCRIPTION	SCHEDULE
DataV合作	如果可以的话试试投CHI	

计划-长期

TASK	DESCRIPTION	SCHEDULE
毕业论文		

Works Progresses

TASK	PROGRESS	TODO	ISSUES	DATE
MOOC	1/4			